

Title (en)  
ISOTHIAZOLE DIOXIDES AS CXC- AND CC- CHEMOKINE RECEPTOR LIGANDS

Title (de)  
ISOTHIAZOLDIOXIDE ALS CXC- UND CC-CHEMOKINREZEPTORLIGANDEN

Title (fr)  
DIOXYDES D'ISOTHIAZOLE EN TANT QUE LIGANDS DU RECEPTEUR DE LA CHIMIOKINE CXC ET CC

Publication  
**EP 1697354 A1 20060906 (EN)**

Application  
**EP 04814856 A 20041220**

Priority  
• US 2004042720 W 20041220  
• US 53169303 P 20031222

Abstract (en)  
[origin: WO2005068460A1] Disclosed are novel compounds of the formula (IA): and the pharmaceutically acceptable salts and solvates thereof. D and E are different groups wherein one is N and the other is CR50. Examples of groups comprising Substituent A include heteroaryl, aryl, heterocycloalkyl, cycloalkyl, aryl, alkynyl, alkenyl, aminoalkyl, alkyl or amino. Examples of groups comprising Substituent B include aryl and heteroaryl. Also disclosed is a method of treating a chemokine mediated diseases, such as, cancer, angiogenesis, angiogenic ocular diseases, pulmonary diseases, multiple sclerosis, rheumatoid arthritis, osteoarthritis, stroke and cardiac reperfusion injury, pain (e.g., acute pain, acute and chronic inflammatory pain, and neuropathic pain) using a compound of formula IA.

IPC 8 full level  
**C07D 417/12** (2006.01); **A61K 31/427** (2006.01); **A61P 29/00** (2006.01); **A61P 35/00** (2006.01); **C07D 275/02** (2006.01); **C07D 275/03** (2006.01); **C07D 417/14** (2006.01)

CPC (source: EP US)  
**A61P 1/02** (2017.12 - EP); **A61P 1/04** (2017.12 - EP); **A61P 1/16** (2017.12 - EP); **A61P 1/18** (2017.12 - EP); **A61P 3/02** (2017.12 - EP); **A61P 3/10** (2017.12 - EP); **A61P 5/00** (2017.12 - EP); **A61P 5/14** (2017.12 - EP); **A61P 5/24** (2017.12 - EP); **A61P 7/02** (2017.12 - EP); **A61P 7/04** (2017.12 - EP); **A61P 7/06** (2017.12 - EP); **A61P 9/00** (2017.12 - EP); **A61P 9/08** (2017.12 - EP); **A61P 9/10** (2017.12 - EP); **A61P 9/12** (2017.12 - EP); **A61P 11/00** (2017.12 - EP); **A61P 11/02** (2017.12 - EP); **A61P 11/06** (2017.12 - EP); **A61P 11/08** (2017.12 - EP); **A61P 11/14** (2017.12 - EP); **A61P 11/16** (2017.12 - EP); **A61P 13/10** (2017.12 - EP); **A61P 13/12** (2017.12 - EP); **A61P 15/00** (2017.12 - EP); **A61P 15/06** (2017.12 - EP); **A61P 15/08** (2017.12 - EP); **A61P 17/00** (2017.12 - EP); **A61P 17/02** (2017.12 - EP); **A61P 17/04** (2017.12 - EP); **A61P 17/06** (2017.12 - EP); **A61P 17/14** (2017.12 - EP); **A61P 19/02** (2017.12 - EP); **A61P 19/06** (2017.12 - EP); **A61P 19/10** (2017.12 - EP); **A61P 21/00** (2017.12 - EP); **A61P 21/04** (2017.12 - EP); **A61P 25/00** (2017.12 - EP); **A61P 25/02** (2017.12 - EP); **A61P 25/04** (2017.12 - EP); **A61P 25/06** (2017.12 - EP); **A61P 25/08** (2017.12 - EP); **A61P 25/22** (2017.12 - EP); **A61P 25/28** (2017.12 - EP); **A61P 27/02** (2017.12 - EP); **A61P 27/16** (2017.12 - EP); **A61P 29/00** (2017.12 - EP); **A61P 29/02** (2017.12 - EP); **A61P 31/04** (2017.12 - EP); **A61P 31/10** (2017.12 - EP); **A61P 31/12** (2017.12 - EP); **A61P 31/16** (2017.12 - EP); **A61P 31/18** (2017.12 - EP); **A61P 31/20** (2017.12 - EP); **A61P 31/22** (2017.12 - EP); **A61P 33/06** (2017.12 - EP); **A61P 35/00** (2017.12 - EP); **A61P 35/04** (2017.12 - EP); **A61P 37/02** (2017.12 - EP); **A61P 37/04** (2017.12 - EP); **A61P 37/06** (2017.12 - EP); **A61P 37/08** (2017.12 - EP); **A61P 39/02** (2017.12 - EP); **A61P 43/00** (2017.12 - EP); **C07D 275/03** (2013.01 - EP US); **C07D 417/14** (2013.01 - EP US)

Citation (search report)  
See references of WO 2005068460A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2005068460 A1 20050728**; AR 046977 A1 20060104; CA 2550540 A1 20050728; CN 1918156 A 20070221; CN 1918156 B 20101027; EP 1697354 A1 20060906; EP 1697354 B1 20130807; JP 2007515489 A 20070614; JP 2011098984 A 20110519; JP 4851943 B2 20120111; MX PA06007205 A 20060831; TW 200530231 A 20050916; US 2006025453 A1 20060202; US 7671212 B2 20100302

DOCDB simple family (application)  
**US 2004042720 W 20041220**; AR P040104828 A 20041221; CA 2550540 A 20041220; CN 200480041794 A 20041220; EP 04814856 A 20041220; JP 2006547206 A 20041220; JP 2011030287 A 20110215; MX PA06007205 A 20041220; TW 93139590 A 20041220; US 1750504 A 20041220